

GLBL/015

10/081,925-  
not yet assigned

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT

Abraham et al.

FILING DATE

herewith

02/22/02

GROUP

2634  
not yet assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	5,901,171	5/4/99	Kohli et al.	375	200	
DH	5,663,734	9/2/97	Krasner	342	357	

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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

DH	R. Wolfert, S. Chen, S. Kohli, D. Leimer, "Rapid Direct P(Y)-Code Acquisition In a Hostile Environment" Software Technology and Systems, Sensors Directorate, Air Force Research Lab. pp 353-360
DH	S. Lyusin, I. Khazanov, S. Likhovid, "Fast Acquisition by Matched Filter Technique for GPS/GLONASS Receivers", Magellan Corp. Moscow Dev. Center. pp 307-315.

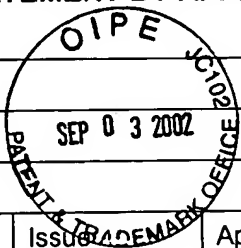
EXAMINER

DATE CONSIDERED

12/24/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. GLBL-015 P3		Serial No. 10/081,925	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Applicant Abraham, C.		Confirmation No.: 2180	
(Use several sheets if necessary)				Filing Date 02/22/02		Group 2631	
Examiner							



U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
DH	A1	4,527,278	07/02/85	Deconche et al.	375	97	
	A2	5,090,028	02/18/92	Crebouw	375	106	
	A3	5,426,665	06/20/95	Cleverly et al.	375	200	
	A4	5,727,018	03/10/98	Wolf, et al.	375	210	
	A5	6,289,041	09/11/01	Krasner	375	152	
DH	A6	6,370,208	04/09/02	Kuo, et al.	375	343	

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Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
DH	B1	4,114,058	11/05/1992	DE	H04L	27/00	<input type="checkbox"/>	<input type="checkbox"/>
	B2	0 488 739	06/03/1992	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
	B3	0 526 040	02/03/93	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
	B4	0 635 728	01/25/1995	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
	B5	0 718 998	06/26/1996	EPO	H04J	13/02	<input type="checkbox"/>	<input type="checkbox"/>
	B6	2,016,760	09/26/1979	GB	G06F	15/34	<input type="checkbox"/>	<input type="checkbox"/>
	B7	97/14057	04/17/1997	WIPO	G01S	1/4	<input type="checkbox"/>	<input type="checkbox"/>
	B8	97/40398	10/30/1997	WIPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
DH	B9	98/02830	01/23/98	WIPO	G06F	17/15	<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART	
*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
DH	C1 Wolfert, et al., "Rapid Direct P(Y)-Code Acquisition in a Hostile Environment," CONFERENCE: Institute of Navigation: Satellite Division-International technical meeting; 11th PROCEEDINGS OF ION GPS, 1998; VOL 11; NUMBER 1 P: 353-360 Alexandria, VA, Institute of Navigation, 1998
DH	C2 Lyusin, et al., "Fast Acquisition by Matched Filter Technique for GPS/GLONASS Receivers", CONFERENCE: Institute of Navigation: Satellite Division-International technical meeting; 11 <sup>th</sup> PROCEEDINGS OF ION GPS, 1998; VOL 11; NUMBER 1P: 307-316 Alexandria, VA, Institute of Navigation, 1998
Examiner	Date Considered 12/23/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

# Electronic Information Disclosure Statement



## METHOD AND APPARATUS FOR PERFORMING SIGNAL CORRELATION

Application:   
10/081925

Confirmation: 2180

Applicant(s): Charles Abraham

Docket  
Number: GLBL-015 P3

Group Art  
Unit:






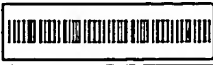



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search string: ( 4426712 or 4445118 or 4578678 or 4660164 or 5117232 or 5148452 or 5153598 or 5175557 or 5185610 or 5199050 or 5237587 or 5293398 or 5369668 or 5379224 or 5579014 or 5579338 or 5600328 or 5629708 or 5726659 or 5809064 or 5812087 or 5859612 or 5872774 or 5884214 or 6121923 or 6133874 or 6151311 or 6157891 or 6181911 or 6208291 or 6208292 or 6211820 or 6236354 or 6239742 or 6252543 or 6256337 or 6272189 or 6307840 or 6324227 or 6327473 or 20020033767 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	4426712	1984-01-17		Gorski-Popiel	375	96
	P02	4445118	1984-04-24		Taylor, et al.	343	357
	P03	4578678	1986-03-25		Hurd	343	357
	P04	4660164	1987-04-21		Leibowitz	364	728
	P05		1992-05-26		Cantwell	342	357

DH		5117232					
	P06	5148452	1992-09-15		Kennedy et al.	375	96
	P07	5153598	1992-10-06		Alves, Jr.	342	352
	P08	5175557	1992-12-29		King et al.	342	357.12
	P09	5185610	1993-02-09		Ward, et al.	342	357
	P10	5199050	1993-03-30		Linsky	375	115
	P11	5237587	1993-08-17		Schoolcraft	375	1
	P12	5293398	1994-03-08		Hamao, et al.	375	1
	P13	5369668	1994-11-29		Yamamoto	375	14
	P14	5379224	1995-01-03		Brown et al.	364	449
	P15	5579014	1996-11-26		Brooksby et al.	342	357
	P16	5579338	1996-11-26		Kojima	375	208
	P17	5600328	1997-02-04		Tachita et al.	342	357
	P18	5629708	1997-05-13		Rodal et al.	342	357
	P19	5726659	1998-03-10		Kee, et al.	342	352
	P20	5809064	1998-09-15		Fenton, et al.	375	208
	P21	5812087	1998-09-22		Krasner	342	357
	P22	5859612	1999-01-12		Gilhousen	342	457
	P23	5872774	1999-02-16		Wheatley, III et al.	370	335
	P24	5884214	1999-03-16		Krasner	701	207
	P25	5999562	1999-04-20		Hennedy et al.	375	207
	P26	5907578	1999-05-25		Pon et al.	375	208
	P27	5920278	1999-07-06		Tyler et al.	342	33
	P28	6002708	1999-12-14		Fleming et al.	375	200
	P29	6034635	2000-03-07		Gilhousen	342	457
	P30	6047017	2000-04-04		Cahn et al.	375	200
	P31	6104340	2000-08-15		Krasner	342	357.1
	P32	6111868	2000-08-29		Lee et al.	370	342
DH	P33	6121923	2000-09-19		King	342	357.12

✓	P34	6133874	2000-10-17		Krasner	342	357.15
	P35	6151311	2000-11-21		Wheatley, III et al.	370	335
	P36	6157891	2000-12-05		Lin	701	301
	P37	6181911	2001-01-30		Sih, et al.	455	12.1
	P38	6208291	2001-03-27		Krasner	342	357.12
	P39	6208292	2001-03-27		Sih et al.	342	357.12
	P40	6211820	2001-04-03		Zou et al.	342	357.1
	P41	6236354	2001-05-22		Krasner	342	357.06
	P42	6239742	2001-05-29		Krasner	342	357.02
	P43	6252543	2001-06-26		Camp	342	357.06
	P44	6256337	2001-07-03		Hendrickson et al.	375	140
	P45	6272189	2001-08-07		Garin et al.	375	343
	P46	6307840	2001-10-23		Wheatley, III et al.	370	252
	P47	6324227	2001-11-27		Kang et al.	375	343
✓	P48	6327473	2001-12-04		Soliman et al.	455	456

## Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
✓	001	20020033767	2002-03-21		Krasner	342	357.06

**Signature**

Examiner Name	Date
<i>Paula M. Lee</i>	12/24/03

U.S. Department of Commerce, Patent and Trademark Office		Docket No.	Serial No.
(PTO Form 1449 modified)		GLBL/015P3	10/081,925
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant	Confirmation
JUN 06 2003		Charles Abraham	No.: 2180
(Use several sheets if necessary)		Filing Date	Group
Examiner		February 22, 2002	2634-2634

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
DH	A1	5,216,691	06/01/1993	Kaufmann	375	1	
	A2	5,644,591	07/01/1997	Sutton	375	200	
	A3	5,729,571	03/17/1998	Park et al.	375	206	
	A4	5,781,543	07/14/1998	Ault et al.	370	342	
	A5	5,867,219	02/02/1999	Kohiyama	348	400	
DH	A6	5,909,471	06/01/1999	Yun	375	343	
	A7						
	A8						
	A9						
	A10						

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
	B4						<input type="checkbox"/>	<input type="checkbox"/>
	B5						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER ART**

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
DH	C1	Copy of International Search Report dated May 12, 2003 from corresponding PCT Application, PCT/US03/03386
	C2	
	C3	

Examiner

Date Considered

12/23/03

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